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THIS IS UNEVALUATED INFORMATION

USSR CHEMISTS DEVELOP NEW FERTILIZER;  
INORGANIC FERTILIZER PRODUCTION INCREASES

The new type of chlorine-free fertilizer is already being prepared at an experimental plant of the Ministry of the Chemical Industry USSR. Its use will increase productivity considerably and will improve the quality of flax, tobacco, tea, essential oils, and other cultures. During 1953, the fertilizer will be used in experimental fields in both the south and north of the country.

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NEW METHOD OF PREPARING POTASH -- Moscow, Moskovskaya Pravda, 3 Jul 53

The glass industry requires a tremendous amount of potash, which at present is obtained from the ash resulting from the burning of sunflower stalks. As a result, agriculture loses much valuable fertilizer every year.

The Scientific Research Institute of Applied Chemistry, Ministry of the Local Industry RSFSR, has developed a method of preparing potash from silicon fluorides of potassium obtained as by-products of the superphosphate industry. Experiments carried out in the laboratory of the institute gave excellent results. An installation for obtaining potash from the new raw material is being tried out under plant conditions.

PLAN FULFILLMENT BY FERTILIZER INDUSTRY -- Moscow, Pravda, 16 May 53

In 1950, the production of all types of inorganic fertilizers exceeded the prewar level. For nitrogen fertilizers, production was 2.2 times the prewar level; for phosphates, 1.8 times; for potassium fertilizers, 1.3 times. In 1951-1952, a further increase in these types of products continued. The 1952 output plan was exceeded. The first quarter 1953 plan for inorganic fertilizers as a whole was fulfilled 103.2 percent, including nitrogen fertilizers 104.4 percent, phosphates 102.7 percent, and potassium fertilizers 102.8 percent. The best results in plan fulfillment were attained by the Kemerovo, Dneprodzerzhinsk, and Berezniki nitrogen fertilizer plants, the Solikamsk Potassium Combine, the Voskresensk Chemical Combine, and the Riga and Vinnitsa superphosphate plants.

CHIRCHIK PLANT COMPLETES PLAN -- Tashkent, Pravda Vostoka, 15 Mar 53

The Chirchik Electrochemical Combine has completed the first quarter 1953 plan for the output of inorganic fertilizer. The first cars of ammonium nitrate above the plan have been shipped to the country's cotton growers.

RIGA PLANT TO DELIVER ABOVE-PLAN OUTPUT -- Riga, Sovetskaya Latvija, 30 Apr 53

The Riga Superphosphate Plant fulfilled the 4-month plan for all production indexes 3 days ahead of schedule. It also lowered production costs 3 percent below the plan. By the end of April, the superphosphate workers will have produced hundreds of tons of inorganic fertilizer above the plan.

ALAVERDI PLANT STEPS UP FERTILIZER OUTPUT -- Yerevan, Kommunist, 10 Apr 53

The Alaverdi Chemical Plant is making an effort to increase its output of inorganic fertilizer. The plant exceeded the first quarter 1953 plan.

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